

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	18	(akkerman near2 jensen).in.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 14:31
L2	7	("3191773"   "4087184"   "4672200"   "5442446"   "5864395"   "6275603").PN. OR ("7235787"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/15 14:35
L3	16	(landman near2 bernardus).in.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 14:37
L25	24	(US-20060208172-\$ or US-20050040336-\$ or US-20080002182-\$).did. or (US-6882422-\$ or US-6275603-\$ or US-5414778-\$ or US-6252980-\$ or US-3966332-\$ or US-5523560-\$ or US-7560720-\$ or US-5987159-\$ or US-4025202-\$ or US-7816639-\$ or US-4605851-\$ or US-4608709-\$ or US-6496645-\$ or US-7126685-\$ or US-4679075-\$ or US-5305391-\$ or US-7626158-\$ or US-7541572-\$ or US-7235787-\$ or US-7821629-\$).did. or (WO-2004088295-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2011/07/15 15:29
L27	1274607	(displac\$5 movement motion shift\$3 dislocat\$3 translat\$3) with (particle\$1 contaminant\$1 bod\$3 object\$1)	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 15:29
L28	12	25 and L27	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 15:29
S1	4	("6275603" "6882422").pn.	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/08 18:21

S2	15353	250/223b,573,574,221,222.1,559.4,559.44,223r,222.2,208.1.ccls.	US-PGPUB; USPAT; USOCR: FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:29
S3	9144	(rotat\$4 spin\$4) same (bottle container) and (camera imager (image near2 (detector sensor)))	US-PGPUB; USPAT; USOCR: FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:30
S4	232	S3 and S2	US-PGPUB; USPAT; USOCR: FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:31
S5	4249	356/239.5,239.6,426,427,239.4,239.1,239.7,239.8,240.1,436,439,441,442.ccls.	US-PGPUB; USPAT; USOCR: FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:32
S6	265	S3 and S5	US-PGPUB; USPAT; USOCR: FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:32
S7	4730	382/142,141,143,149,151,152,153.ccls.	US-PGPUB; USPAT; USOCR: FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:33
S8	80	S7 and S3	US-PGPUB; USPAT; USOCR: FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:33
S9	124610	(sequential successive serial subsequent succeeding succedent successional) near5 imag\$3	US-PGPUB; USPAT; USOCR: FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:55

S10	37	S4 and S9	US-PGRUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:55
S11	38	S6 and S9	US-PGRUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:55
S12	16	S8 and S9	US-PGRUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:55
S13	1273507	(displac\$5 movement motion shift\$3 dislocat\$3 translat\$3) with (particle\$1 contaminant\$1 bod\$3 object\$1)	US-PGRUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:59
S14	16	S11 and S13	US-PGRUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:59
S16	16	S10 and S13	US-PGRUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/08 18:59
S17	19	("20030063281"   "3496369"   "3528544"   "4605851"   "5072108"   "5523560"   "6275603"   "6882422").PN.	US-PGRUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/14 18:28
S18	819	209,524,585,701,526.cds.	US-PGRUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/14 18:31

S19	9161	(rotat\$4 spin\$4) same (bottle container) and (camera imager (image near2 (detector sensor)))	US-PGPUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/14 18:33
S20	4738	382/142,141,143,149,151,152,153.cds.	US-PGPUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/14 18:33
S21	80	S20 and S19	US-PGPUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/14 18:33
S22	124842	(sequential successive serial subsequent succeeding succedent successional) near5 imag\$3	US-PGPUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/14 18:33
S23	16	S21 and S22	US-PGPUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/14 18:33
S24	1274623	(displac\$5 movement motion shift\$3 dislocat\$3 translat\$3) with (particle\$1 contaminant\$1 bod\$3 object\$1)	US-PGPUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/14 18:33
S25	6	S23 and S24	US-PGPUB; USPAT; USOCR: FFRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/07/14 18:33
S26	19	("200800011104"   "3598907"   "3627423"   "3777169"   "4095904"   "4136930"   "4274745"   "4679075"   "4750035"   "4915237"   "4959537"   "5067616"   "5095204"   "5365343"   "5523560"   "5694221"   "6226081"   "6275603"   "6498645").PNL OR ("7560720").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/14 18:46

S27	343	S22 same ("360" (full adj rotation)) not (stop\$4 halt\$3)	US-PGPUB; USPAT; USOCR: FPRS; EPO: JPO; DERWENT; IBM_TDB	OR	ON	2011/07/14 18:48
S28	84	S27 and S24	US-PGPUB; USPAT; USOCR: FPRS; EPO: JPO; DERWENT; IBM_TDB	OR	ON	2011/07/14 18:49
S29	529	S22 same ("360" (full adj rotation))	US-PGPUB; USPAT; USOCR: FPRS; EPO: JPO; DERWENT; IBM_TDB	OR	ON	2011/07/14 19:17
S30	10	S29 and S19	US-PGPUB; USPAT; USOCR: FPRS; EPO: JPO; DERWENT; IBM_TDB	OR	ON	2011/07/14 19:18
S31	3	("2006/0208172").URPN.	USPAT	OR	ON	2011/07/14 19:20
S32	79	"20020082027"   "20020097195"   "20020114733"   "20020191174"   "20030012421"   "20030034392"   "20030074218"   "20030116629"   "20030179920"   "20040018289"   "20040073574"   "20040215486"   "20050103853"   "20050150957"   "20050211583"   "20050252966"   "20050252973"   "20060032923"   "20060120751"   "20060120752"   "20060131404"   "20060144938"   "20060208172"   "20060225593"   "20060225591"   "20060228508"   "20060283145"   "20070042684"   "20070143190"   "20070191983"   "20070262145"   "20080056556"   "20080140432"   "3573472"   "3955179"   "4042960"   "4055834"   "4244650"   "4414566"   "4563739"   "4656510"   "4664289"   "4885461"   "5028769"   "5072108"   "5126556"   "5231278"   "5286959"   "5380045"   "5405015"   "5420408"   "5459819"   "5499718"   "5535536"   "5603430"   "5637854"   "5647600"   "5786582"   "5794788"   "5953170"   "5986219"   "6028302"   "6137900"   "6155485"   "6272777"   "6275603"   "6360948"   "6450406"   "6556690"   "6598796"   "6616037"   "6672510"   "6726094"   "6746053"   "6817538"   "6989857"   "7028723"). PN. OR ("7490773").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/14 19:23
S34	15	"20040150815"   "3894806"   "4025202"   "4945228"   "4958223"   "5305391").PN.	US-PGPUB; USPAT; USOCR: FPRS; EPO: JPO; DERWENT; IBM_TDB	OR	ON	2011/07/15 11:14

S35	5420	(sequential successive serial subsequent succeeding succedent successional) near5 imag\$3 with (rotat\$3 spin\$4 turn\$4 twist\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 11:23
S36	14233	(rotat\$4 spin\$4) with (bottle container canteen glass vial canister) and (camera imager (image near2 (detector sensor)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 11:25
S37	109	S35 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 11:25
S38	1274607	(displac\$5 movement motion shift\$3 dislocat\$3 translat\$3) with (particel\$1 contaminant\$1 bod\$3 object\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 11:26
S39	36	S37 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 11:26
S40	3	11/585388	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 11:33
S41	6	("20040150815"   "3894806"   "4025202"   "4945228"   "4958223"   "5305391").PNL OR ("7816639").URPNL	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/15 11:34
S42	1	12/878471	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 11:42
S43	32	("3598907"   "3777169"   "3880750"   "4095904"   "4136930"   "4274745"   "4605851"   "4835110"   "5141609").PNL OR ("5523560").URPNL	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/15 12:52

S44	19	"20080001104"   "3598907"   "3627423"   "3777169"   "4095904"   "4136930"   "4274745"   "4679075"   "4750035"   "4915237"   "4959537"   "5067616"   "5095204"   "5365343"   "5523560"   "5694221"   "6226081"   "6275603"   "6498645"),PN. OR ("7560720").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/15 13:31
S45	28	"4488648"   "4606635"   "4679075"   "4691231"   "4807995"   "4924083"   "4931632"   "4972493"   "5007096"),PN. OR ("5305391").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/15 13:44
S46	13	"20060000968"   "4865447"   "4915237"   "4945228"   "5305391"   "5486692"   "5719679"   "5729340"   "5895911"   "6025909"   "6031221"   "6211952"   "6275287"),PN. OR ("7626158").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/15 13:47
S47	13	"4025202"   "4580045"   "4701612"   "4945228"   "4958223"   "5200801"   "5305391"   "5661294"   "5895911"   "6211952"   "6448549"   "6937754"),PN. OR ("7541572").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/15 13:47
S48	1	S45 and S35	US-PGPUB; USPAT; USOCR; FRRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 13:48
S49	2	S35 and S46	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/15 13:49
S50	1	S35 and S47	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/15 13:49
S51	5	S38 and S45	US-PGPUB; USPAT; USOCR; FRRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 13:50
S52	2	S38 and S46	US-PGPUB; USPAT; USOCR; FRRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 13:50
S53	2	S38 and S47	US-PGPUB; USPAT; USOCR; FRRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 13:50
S54	50236	(sequential successive serial subsequent succeeding succedent successional plurality multiple two (second) many) near\$ imag\$3 with (rotat\$3 spin\$4 turn\$4 twist\$3)	US-PGPUB; USPAT; USOCR; FRRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 13:51

S55	5	S54 and S45	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 13:52
S56	5	S54 and S46	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 13:52
S57	3	S54 and S47	US-PGPUB; USPAT; USOCR; FFRS; EPO; JPO; DERWENT; BM_TDB	OR	ON	2011/07/15 13:52

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L26	2	"Term Removed"	USPAT	OR	ON	2011/07/15 15:29
S33	2	((sequential successive serial subsequent succeeding succedent successional) near5 imag\$3 and (displac\$5 movement motion shift\$3 dislocat\$3 translcat\$3) with (partide\$1 contaminant\$1 bod\$3 object\$1) and (rotat\$4 spin\$4) same (bottle container) and (camera imager (image near2 (detector sensor))))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/07/14 19:25
S58	10706	((sequential successive serial subsequent succeeding succedent successional plurality multiple two (second) many) near5 imag\$3 with (rotat\$3 spin\$4 turn\$4 twist\$3)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/07/15 13:54
S59	713	((sequential successive serial subsequent succeeding succedent successional plurality multiple two (second) many) near5 imag\$3 with (rotat\$3 spin\$4 turn\$4 twist\$3) and (displac\$5 movement motion shift\$3 dislocat\$3 translcat\$3) with (partide\$1 contaminant\$1 bod\$3 object\$1)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/07/15 13:55
S60	5	((sequential successive serial subsequent succeeding succedent successional plurality multiple two (second) many) near5 imag\$3 with (rotat\$3 spin\$4 turn\$4 twist\$3) and (displac\$5 movement motion shift\$3 dislocat\$3 translcat\$3) with (partide\$1 contaminant\$1 bod\$3 object\$1) and (rotat\$4 spin\$4) with (bottle container canteen glass vial canister) and (camera imager (image near2 (detector sensor))))).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/07/15 13:56
S61	16	((sequential successive serial subsequent succeeding succedent successional plurality multiple two (second) many) near5 imag\$3 with (rotat\$3 spin\$4 turn\$4 twist\$3) and (displac\$5 movement motion shift\$3 dislocat\$3 translcat\$3) with (partide\$1 contaminant\$1 bod\$3 object\$1) and (rotat\$4 spin\$4) with (bottle container canteen glass vial canister)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2011/07/15 13:56

7/15/2011 3:35:26 PM

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